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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 94 91 4109

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
	No further relevant documents disclosed -----		H04B1/40 H04M11/00 H04B1/38

TECHNICAL FIELDS SEARCHED (Int.Cl.5)

H04B
H04M
H04Q

The supplementary search report has been drawn up for the claims attached hereto.

Place of search	Date of completion of the search	Examiner
THE HAGUE	11 December 1996	Blaas, D-L

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
Y : particularly relevant if combined with another document of the same category
A : technological background
O : non-written disclosure
P : intermediate document

T : theory or principle underlying the invention
E : earlier patent document, but published on, or after the filing date
D : document cited in the application
L : document cited for other reasons

& : member of the same patent family, corresponding document

EPO FORM 1503 03.82 (P04C04)

What is claimed is: (Reduced Claims)

1. A method for transferring digital information over an air link relative to a plurality of peripheral devices, comprising:

receiving signals from an air link using circuitry;

obtaining digital information from said signals, said signals including control information related to identifying at least one of a plurality of peripheral devices;

determining an identification of a first peripheral device of a plurality of peripheral devices that is to receive said digital information;

sending said digital information to said first peripheral device.

2. A method, as recited in Claim 1, further comprising the steps of:

making a determination automatically without operator intervention that second digital information associated with a second peripheral device is to be transmitted using said circuitry;

transferring automatically said second digital information from said second peripheral device to said circuitry; and

transmitting automatically said second digital information from said circuitry through the air link to a remote device.

3. A method, as claimed in Claim 1, wherein:

said determining step includes using a peripheral device controller having processing means and memory means to determine an address associated with said first peripheral device.

4. A method, as claimed in Claim 1, wherein:

said determining step includes controlling transfer of said digital information based on a priority determination relative to said first and second peripheral devices.

5. A method, as claimed in Claim 1, wherein:

said determining step includes determining from said digital information an address associated with said first peripheral device.

6. A method, as claimed in Claim 2, wherein:

said making step includes sensing a first event using said second peripheral device.

7. A method, as claimed in Claim 6, wherein:

said sensing step includes alerting a predetermined remote source that said first event was sensed.

8. A method, as claimed in Claim 1, wherein said sending step includes a plurality of the following steps:

performing a diagnostic check of a vehicle using a vehicle monitoring system;

requesting positioning information from a navigational positioning device;

communicating with a computer terminal;

obtaining data from a CD Read Only Memory;

sending said digital information to a facsimile machine;

outputting said digital information using a synthesized speech system;

printing said digital information received on said circuitry;

displaying said digital information on a display terminal.

9. A method, as claimed in Claim 2, wherein said transferring step includes a plurality of the following steps:

sending positioning data from a navigational positioning device;

sending data from a computer terminal;

sending data stored in a CD ROM;

sending diagnostic data from a vehicle monitoring system;

sending data from a digital facsimile machine;

sending data translated by a speech recognition system;

sending data from a security system;

sending data from an accident and emergency notification alarm;

sending data from a personal digital assistant.

10. An apparatus for controlling the transfer of digital information carried through an air link, comprising:

circuitry for receiving and transmitting signals carried through an air link;

a plurality of peripheral devices, each of said peripheral devices for receiving and/or outputting information and at least some of said plurality of devices for inputting and/or outputting digital information;

a peripheral device controller communicating with each of said plurality of peripheral devices, said peripheral device controller receiving digital information from said circuitry and determining an identity of one of said peripheral devices for receiving said digital information;

first means for interconnecting said circuitry with said peripheral device controller; and

second means for interconnecting said peripheral device controller and each of said plurality of peripheral devices.

11. An apparatus, as claimed in Claim 10, wherein:

said peripheral device controller is operable to transfer information from said plurality of peripheral devices to said circuitry.

12. An apparatus, as claimed in Claim 10, wherein:

said peripheral device controller includes means to appropriately format information transferred from said circuitry to said peripheral devices and information transferred from said peripheral devices to said circuitry.

13. An apparatus, as claimed in Claim 10, wherein said peripheral device controller includes:

processing means for determining an identity of one of said plurality of peripheral devices for receiving said digital information;

first memory means for storing said digital information; and

second memory means for storing executable code used by said processing means in transferring said digital information and appropriately prioritizing transfer of said digital information.